Electronic Version
Stylesheet Version v1.1.1

INTEGRAL COVERED NOZZLE WITH ATTACHED OVERCOVER

Abstract

A method and system of constructing equivalent integral covered blading for a turbine having multiple blades supported by a stator include multiple blade foils; multiple respective cover portions defining a first surface configured to span tips of multiple adjacent blades between tip locations of adjacent blades thereby to form the cover portion portions for adjacent blades and wherein the cover portions associated with each respective adjacent blades include facing sides for adjacent cover portions of adjacent blades; and an overcover coupled to a second surface opposite the first surface of the respective cover portions, the overcover configured to at least one of stiffen deterministic constraints of the tips and seal against leakage through the facing sides for adjacent cover portions.